

Peak District National Park

Forecast valid from 06:00 on Wednesday 05 Oct 2022 until 23:59 on Thursday 06 Oct 2022

Forecast Issued on Wednesday 05 Oct 2022 at 03:26

Confidence: High for unsettled weather and transition from rain Wednesday, to showery conditions until Friday.
Lower confidence in the details of rain on Sunday.

Headline for Wednesday 05 Oct 2022: Dull morning with rain, occasionally heavy. Brighter spells follow into the afternoon with scattered showers. Very strong and gusty winds.

Mountain weather hazards on Wednesday 05 Oct 2022

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy Rain	Heavy Rain	Heavy rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability					
80%	90%	60%	20%	10%	10%

Forecast for Wednesday 05 Oct 2022

Weather: A dull and predominantly overcast start to the day as an area of rain pushes east across the Peaks, turning heavy at times. Rain clearing to the east late morning, with brighter spells behind. Scattered blustery showers developing in the afternoon, some of which may be heavy, with an outside risk of thunder. Skies clearing during the evening.

Chance of cloud-free hill tops above 600m: 40%, becoming 80% by later morning and above 90% towards Bakewell.

Low cloud and visibility: Extensive cloud associated with the rain band, with bases of 400-500m especially further west. Bases expected to lift clear of summits as rain clears. Bases may lowering in the vicinity of showers to briefly obscure the highest summits. Visibility poor or very poor in heavy rain and showers. Otherwise, very good.

Forecast for Wednesday 05 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/39 SW	20/26 W	19/26 W	25/34 W	28/42 SW	24/43 W	24/33 W
300	24/33 S	16/21 W	15/21 W	21/31 W	20/30 SW	18/27 SW	18/28 SW
Valley	13/31 S	10/23 W	9/20 W	14/29 W	13/29 W	11/26 W	11/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/8	10/7	8/4	9/4	7/2	6/0	6/0
300	14/10	12/9	10/8	12/8	10/6	8/4	8/4
Valley	14/12	12/10	11/9	12/9	10/7	9/6	9/6
Freezing Level*	3300m	2800m	1900m	1600m	1400m	1400m	1400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts of 40mph will give difficult walking conditions at times with a risk of being blown off balance. Heavy and persistent rain may lead to swollen watercourses, with possible flooding and slippery surfaces underfoot.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 05 Oct 2022	8mm	8.2mm	9.4mm

Forecast for Thursday 06 Oct 2022

Weather: A largely fine start. Cloud thickening from the northwest to produce some patchy light rain or drizzle at times. Bright spells and scattered showers expected to develop during the afternoon, becoming generally dry once more later.

Maximum wind: Southwest 25-35mph, with gusts 40-45mph mainly over exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 40% across northern Peaks initially. Improving to 60% in west and above 80% in the east.

Low cloud and visibility: Cloud bases of 500-600m across mainly northern hills, covering the highest summits at times. Bases lifting above 800m by late morning, perhaps briefly lowering to 500m in heavier showers. Visibility poor in any rain or drizzle, and sporadically poor in any passing showers. Very good visibility otherwise.

Temperature: **Valleys:** Plus 8 Celsius increasing to Plus 17 Celsius during the afternoon
At 600m: Plus 7 Celsius rising to Plus 12 Celsius
Freezing level: Above all peaks